Philips Medical Systems

FIELD CHANGE ORDER — Service

Issued by	:	PMS DMC Hamburg	**FCO Ref. No.**	:	FCO71200029
Supersedes	:	4512 980 64311 REV AA	**Date**	:	March 2008
Publication No.	:	**4512 980 64311 REV AB**	**Revision**	:	B

DigitalDiagnost

TITLE: GENERATOR MAINS CIRCUIT MODIFICATION ENK3

DOCUMENT HISTORY:

Revision	Revision Date	Created/changed by	Description
Rev. A	February 2008	Kramm	Original version
Rev. B	March 2008	Von Dewitz	Procedure changed

APPLIES TO:

Geography	USA
Traceable Item Identification (12NC):	9890 000 61624 9890 000 61734 9890 000 61735
Range of Serial Numbers (if applicable):	SN070071 – SN071294 SN080011 – SN080064
Physical Sub, Main Block(s) and System Code(s) identification where the affected item could be present:	PB000135
Any other type of system identification number used by the BG/BU:	na

LIST OF PAGES & DRAWINGS:

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INTRODUCTION:

Symptom	:	ENK3 gets damaged shortly after power on in case the system is connected to a single-side grounded mains supply
		DMC00001863
Cause	:	The relay is connected to 400V instead of 230V
Remedy	:	Removal of phase supervision relay ENK3

MANPOWER / TIME TO COMPLETE:

1 service engineer / 1 hour

TOOLS & TEST EQUIPMENT:

Tools	Tool Code / 12NC
Standard tool kit	TC129

MODIFICATION KIT / PARTS REQUIRED:

Modification kit 12NC	Description
N/A	

Kit content

12NC	Description
N/A	

INSTALLED BASE REGISTRATION:

This FCO has no impact on the installed base registration.

PROCEDURE:

Removal of ENK3

- **Shut down the incoming power and follow proper lockout procedures.**
- Switch the generator off.
- Open the cabinet.
- Switch ENF1 off.
- Disconnect the wire from ENK3:11.
- Remove the wire from ENK3:14 – ENK2:A1.
- Connect the wire from **EN100:X2:1** to ENK2:A1.
- Remove the wire from ENK3:A1 – ENK2:4.
- Remove the wire from ENK3:A2 – ENK2:A2.
- Remove the relay ENK3 from the generator.
- Switch ENF1 on.

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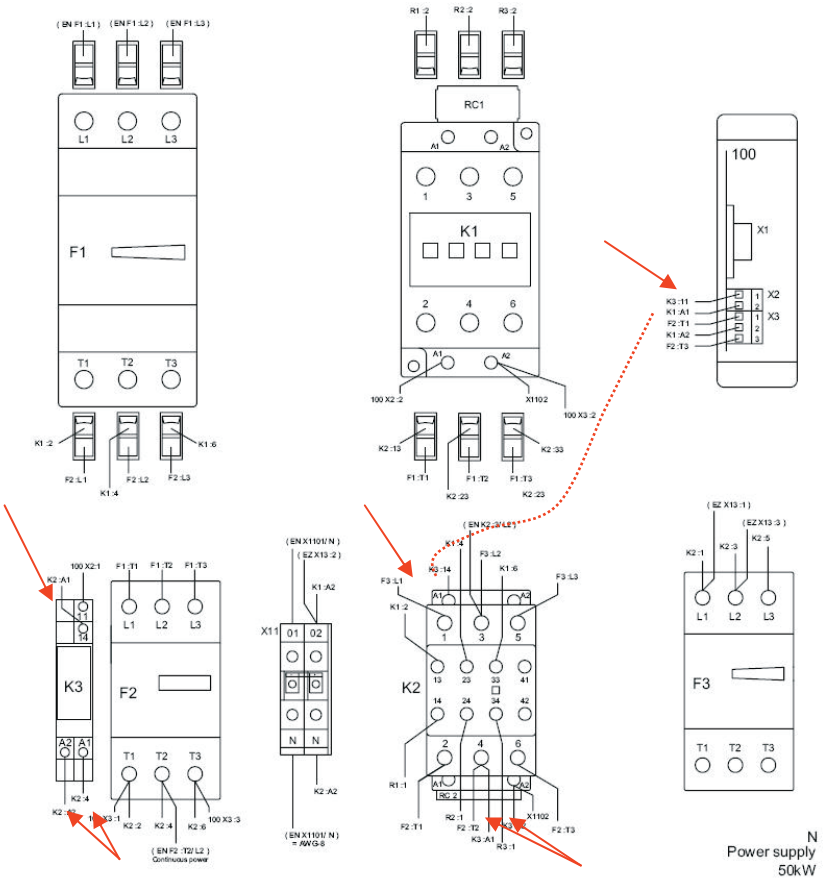

- Close the cabinet.
- Switch the generator on.
- Check all applicable functions.

INSTALLED BASE REGISTRATION – FSE NOTE:

This FCO has "No" impact on the installed base registration.

PARTS DISPOSAL:

All parts are to be disposed of in a safe way in accordance with local Safety Regulations.

DOCUMENTATION:

NA

ACTION NOTIFICATION REPORT:

If required, fill out the attached ANR (Action Notification Report) and send it to your local GS&S Key Market Customer Services manager.

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NOTE

In case the next page is empty, this is done intentionally.
Reason is that the "ANR page" must be available on an odd page.

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FCO ACTION NOTIFICATION REPORT

For Key Market use only; do not return to BU/BL.

TITLE: ***Generator mains circuit modification ENK3***	
CLASSIFICATION: ***Action for Performance - Proactive***	FCO REF. NO.: FCO71200029
APPLIES TO: ***9890 000 61624, 9890 000 61734, 9890 000 61735***	

HOSPITAL / ADDRESS:	
LOCATION / FW SITE NO.:	SALES ORDER NO. / OA NO.:

PRODUCT NUMBER: | | | | | | | | | | | | |

UNIT SERIAL NUMBER: |

ACTION ON THIS UNIT WAS: (select one) JOB NO. / SERVICE INCIDENT NO.:

☐ Completed per instruction on _____ DATE

☐ Completed by the factory prior to delivery

☐ Not completed as this unit is not affected per instruction because: (state reason)

_____

☐ Not completed because: . . . . . .
Required parts & instructions are received by the customer

☐ Not completed because customer refuses to install FCO: (state reason)

_____

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).
The **REASON and PURPOSE** of this modification has been explained to me.

_____ CUSTOMER NAME (PLEASE PRINT) _____ TITLE

_____ CUSTOMER SIGNATURE _____ DATE

BRANCH
REGION /
DEALER: _____

SERVICE UNIT /
SERVICE AREA NO.: _____

_____ SIGNATURE CUSTOMER SERVICES ENGINEER _____ DATE

SIGNATURE CUSTOMER SERVICES MANAGER

MAIL TO: SSD Customer Services manager

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